

Integrated Public Safety Commission Project Hoosier SAFE-T		System Policy Manual Section II (a)(iv) Preserving Valuable System Resources
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Preserving Valuable System Resources

Section II (a) (iv)

Policies

- (a) Even though the Project Hoosier SAFE-T system supports communications outside users' home area, users should limit communication outside home area to extremely necessary transmissions.

1) Background

One of the most valuable resources in the Hoosier SAFE-T system is the availability of sufficient voice channels at each communication intelerepeater (IR) site. The Smart Zone/OmniLink features supports roaming from IR site to IR site without users having to manually switch subscriber units as they migrate from site to site. The Smart Zone technology allows communication throughout a zone. OmniLink technology allows communication across multiple zones. Roaming technology enables users to monitor their home talkgroups while traveling throughout the system. Utilization of the system in this manner, while convenient to the subscriber, presents the potential of overloading the communications channels available at a given site.

While it is important to provide a mechanism for statewide interoperable communications for subscribers who roam throughout the system, it must be realized that the overall system design (channel capacity at each site) has been based upon the anticipated number of public safety personnel in the area to be served by the site. The ability for subscribers to routinely monitor any localized talkgroup not normally affiliated to that IR site, system-wide, may cause available channels to be busy for all users of the site.

An example would be a large concentration of members of local, county or state users meeting at the Indiana Law Enforcement Academy, each wishing to monitor home agency talkgroup(s). Most of these users would be affiliated with Site 24 (Mooresville) or

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Site 411 (Greenwood) while in the Plainfield area. As more subscribers travel in to the area and affiliate with the site(s), channels would become saturated resulting in system busies for local users who are handling local public safety incidents.

Alternative methods of communicating with home dispatchers have been provided. The ability to communicate with a dispatch center from outside the normal dispatch area can generally be accommodated through the use of regional talkgroups or one of the statewide mutual aid talkgroups.

2) Constraints

- (a) Available communications channels at IR sites.

3) Recommendations

- (a) Each agency should establish an operational policy setting forth appropriate uses of system resources outside agencies home areas, whereby users wishing to communicate over wide areas, use statewide or regional mutual aid channels.
- (b) Establish a policy limiting the wide area use of “localized” talkgroups to adjacent counties and sites within those counties. Specifically, roaming for non-essential operations should be restricted in order to maintain an acceptable grade of service for mission critical operations.
- (c) Example chart depicting valid sites for localized talkgroups:

Primary IR Site(s)	Adjacent IR Site(s)
525 - Franklin	5721 - Hancock Co
411 - Greenwood	753 - Shelby Co
24 - Mooresville	804 - Bartholomew Co

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	45 - Brown
	48 - Monroe

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	5509 – Morgan
	5656 - Hendricks
	15 - Marion
25 Putnamville	5509 - Morgan
	24 - Mooresville
	516 - Bridgeton
	26 – Marshall
	6054 - Crawfordsville
	515 – Lebanon
	5656 – Hendricks
	5566 - Centerpoint
14 Lafayette	515 – Lebanon
	3 - Geetingsville
	6141 – Carroll County
	13 - Monon
	649 – Benton County
	702 - Attica
	6064 - Covington

	26 - Marshall
	27 - Newport
28 Terre Haute	702 - Attica
	6064 - Covington
	6054 - Crawfordsville
	25 - Putnamville
	5566 - Centerpoint
	29 - Jasonville
	50 - Carlisle
	27 - Newport
	516 - Bridgeton